From: Charles Lord
To: Nancy Dorsey/R6/USEPA/US@EPA
Subject: FW: Wilzetta fault 3d survey
Date: 12/27/2012 02:13 PM

Nancy, have "some got to have it now" projects from those above me.

The 3D was very interesting.

Will call tomorrow.

Charles

-----Original Message-----
From: Keller G. Randy [mailto:grkeller@ou.edu]
Sent: Friday, December 21, 2012 1:58 PM
To: Austin Holland
Cc: Ron Dunkin; Charles Lord
Subject: Re: Wilzetta fault 3d survey

Hi all: This sounds very interesting and important. I look forward to seeing the data myself. I feel confident that we can figure out a way to at least get some images of the data that do not compromise the proprietary concerns of the company.

Happy Holidays, Randy

On Dec 21, 2012, at 1:52 PM, Austin Holland <austin.holland@ou.edu> wrote:

> The proprietary 3D seismic survey which we were shown this morning by Bryan Waller was very scientifically interesting. It clearly shows a great deal of complexity for the Wilzetta fault. There is also a great deal of complexity and structure in the basement. There is not however evidence that there is a block bounded fault in the location of the STASTA wells. What had been interpreted as a completely fault bounded block might be better described as a structural high bounded by the Wilzetta fault to the east. The survey clearly showed continuity within the Hunton such that we should not expect to see a confined aquifer in the area. The fold structure which generates the structural high could be interpreted as a significant fault to the west of the STASTA wells if only interpreting from well logs without the aid of the 3D survey. Mr. Waller has graciously invited us to come take a further look and we are examining the avenues of getting at least some images of this proprietary data released.
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> Regards,
> Austin Holland
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> Austin Holland
> Research Seismologist
> Oklahoma Geological Survey
> (405)325-8497